

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/576,065
Applicant: Kunio GOBARA, et al.
Filed: April 13, 2006
Title: COMMUNICATION SYSTEM, INFORMATION PROCESSING
APPARATUS, SERVER, AND COMMUNICATION METHOD
TC/A.U.: To Be Assigned
Examiner: To Be Assigned
Confirmation No.: 5547
Docket No.: MAT-8843US

PETITION TO MAKE SPECIAL
FOR NEW APPLICATION UNDER M.P.E.P. § 708.02, VIII

Mail Stop PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby petition to make this new application, which has not received any examination by the Examiner, special.

If the Office determines that all claims presented are not obviously directed to a single invention, then applicant will make an election without traverse as a prerequisite to the grant of special status.

A search has been completed by a foreign patent office (copy enclosed).

A copy of the references listed in the search from the foreign patent office has been provided via Information Disclosure Statement.

There is submitted herewith a detailed discussion of the references, which discussion particularly points out how the claimed subject matter is distinguishable over the references.

The fee required by 37 C.F.R. 1.17(h) in the amount of \$130.00 is to be paid by credit card as shown on the attached credit card information authorization Form PTO-2038.

Respectfully submitted,

RatnerPrestia

Lawrence E. Ashery, Reg. No. 34,515
Attorney for Applicants

LEA/fp

Enclosures: Appendix
Search Report (in the form of an ISR from a foreign patent office)
PTO-2038 (\$130.00)

Dated: August 24, 2006

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

EXPRESS MAIL: Mailing Label No.: EV 766497 925 US
Date of Deposit: August 24, 2006

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


AMANDA KELLY

FP_S2555

APPENDIX

Reference 1 from the International Search Report discloses a Teredo protocol which realizes a tunnel between devices which were disposed via NAT by use of UDP of IPv4. The reference discloses that "a Teredo server transfers a bubble packet which was transmitted from a Teredo client A to the Teredo server as it is, to a Teredo client B" by use of Restricted NAT (Restricted cone NAT, Port-restricted cone NAT). (Fig. 11 and descriptive column)

Thus, reference 1 is applicable only to a case of using NAT (Cone series NAT) in which one port was allocated to the Teredo client A.

This is different than:

the second information processor transmitting the reply packet to one or more ports including at least the bubble packet transmitting port

as recited in Applicants' claim 1.

Because the prior art discloses NAT, a plurality of ports (e.g., Symmetric series NAT) are used. This includes allocating a port with respect to each transmission destination (Teredo client B) address or each port, as well as Cone series NAT. Thus, the prior art can carry out transmission of a bubble packet in order to leave a transmission record, and acceptance of a reply packet which was transmitted to a bubble packet transmitting port, and which can establish communication between the first information processor (Teredo client A) and the second information processor (Teredo client B).

Reference 2 from the International Search Report, similarly to reference 1, discloses Teredo.

As explained in the above-mentioned comparison with the reference 1, reference 2 is different than Applicants' claims.

Reference 3 disclosed that "a service gateway carries out client DHCP lease negotiation with an IP telephone depending on activation of the IP telephone, and the IP telephone carries out IP communication by use of one or more of ports in an allocated port range". (Described in paragraph number [0015] of Japanese translation publication JP-T-2004-533159).

Thus reference 3 does not disclose:

the second information processor ... transmitting the reply packet to one or more port including at least the bubble packet transmitting port.

as described in Applicants' claim 1.

In addition, the service gate way, which is used in the reference 3, is a thing which negotiates a client DHCP lease with an IP telephone, such as preparing a port for allocating a port to an IP telephone in advance, determining a range of a port number from the previously prepared port, in response to activation of the IP telephone, and allocating it to the IP telephone.

By contrast, Applicants' claimed communication control unit does not negotiate a client DHCP lease with an information processor. Thus, Applicants' claims are distinguishable.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/015721

A. CLASSIFICATION OF SUBJECT MATTER.

Int.Cl.⁷ H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H04L12/56

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho (Y1, Y2) 1926-1996 Toroku Jitsuyo Shinan Koho (U) 1994-2005

Kokai Jitsuyo Shinan Koho (U) 1971-2005 Jitsuyo Shinan Toroku Koho (Y2) 1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Internet (WWW), 'BABURUPAKETTO' (in Japanese)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Takuya OIKAWA, "IPv6style:Advanced Networking Pack for Windows XP Daikaibo Dai 1 Kai IPv6 Setsuzoku o Sarani Tokateki ni suru Teredo", 29 September, 2003 (29.09.03), (refer to Figs. 9 & 11, and the column of explanations thereof), [retrieval date 18 January, 2005 (18.01.05)], <URL:http://www.ipv6style.jp/jp/tryout/20030929/20030929_p.shtml>	1-106
Y	"The Cable Guy- 2003 Nen 4 Gatsu: Windows XP Peer-to-Peer Update no IPv6 Kino", (2003.04), [retrieval date 18 January, 2005 (18.01.05)], <URL:http://www.microsoft.com/japan/technet/community/columns/cableguy/cg0403.aspx>	1-106

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
18 January, 2005 (18.01.05)

Date of mailing of the international search report
15 February, 2005 (15.02.05)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/015721

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2002/082794 A2 (VOXPATH NETWORKS, INC.), 17 October, 2002 (17.10.02), Abstract & US 2002/0141390 A1 & EP 1378112 A2 & US 6687245 B2 & AU 2002256072 A1 & JP 2004-533159 A	1-106

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